

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Patent Application Transmittal Letter

Mail Stop Patent Application  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

03940 U.S.PTO  
10/677394



Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ( ) Design

☒ original patent application,

( ) continuation-in-part application

INVENTOR(S): **Manish Sharma**

TITLE: **ASYMMETRIC PATTERNED MAGNETIC MEMORY**

Enclosed are:

☒ The Declaration and Power of Attorney. ☒ signed ( ) unsigned or partially signed

☒ 5 sheets of drawings (one set) ( ) Associate Power of Attorney

( ) Form PTO-1449 ( ☒ ) Information Disclosure Statement and Form PTO-1449

( ) Priority document(s) ☒ (Other) Assignment (fee \$ 40.00)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	43 — 20	23	X \$18	\$ 414
INDEPENDENT CLAIMS	5 — 3	2	X \$86	\$ 172
ANY MULTIPLE DEPENDENT CLAIMS	0		\$290	\$ 0
BASIC FEE: Design ( \$340.00 ); Utility ( \$770.00 )				\$ 770
TOTAL FILING FEE				\$ 1,356
OTHER FEES				\$ 40
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 1,396

Charge \$ 1,396 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

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Date of Deposit Oct. 1, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450

By

Typed Name: **Daniel W. Roberts**

Respectfully submitted,

**Manish Sharma**

By

**Daniel W. Roberts**

Attorney/Agent for Applicant(s)

Reg. No. **52172**

Date: **Oct. 1, 2003**

Telephone No.: **(480) 905-8382**

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October 1, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attorney Docket No. 200300378-1

Dear Sir:

Presented for filing is a new patent application:

Applicant: **MANISH SHARMA**

Title: **ASYMMETRIC PATTERNED MAGNETIC MEMORY**

Enclosed are the following papers, including those required to receive a filing date under 37 CFR §1.53(b):

	<u>Pages</u>
Transmittal Letter	<u>2</u>
<b>Application</b>	
Cover	<u>1</u>
Specification	<u>13</u>
Claims	<u>6</u>
Abstract	<u>1</u>
Drawing(s)	<u>5</u>
Declaration with POA	<u>1</u>
Assignment	<u>1</u>
Assignment Cover Sheet	<u>1</u>
IDS	<u>1</u>
PTO-1449	<u>1</u>
-- 6 US Patents for PTO-1449	
Two Postcards	<u>2</u>

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

Express Mail Label No. **EU871996475US**

I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 1, 2003

Date of Deposit

Signature

**Daniel W. Roberts**

Typed or Printed Name of Person Signing Certificate

Total Claims 41; Independent Claims 4.

Basic filing fee .....	\$750
Total claims in excess of 20 times \$18 (23 X \$18) .....	\$414
Independent claims in excess of 3 times \$84 (2 X \$84) .....	\$168
Fee for multiple dependent claims .....	\$0
Total filing fee: .....	\$1,332
Other Fee (Recording of Assignment) .....	\$40
Total Charges to Deposit Account .....	\$1,372

NO MULTIPLE DEPENDENT CLAIMS HAVE BEEN PRESENTED.

Please apply any other required fees, to deposit account 08-2025, referencing the attorney document number shown above.

If this application is found to be incomplete, or if a telephone conference would otherwise be helpful, please call the undersigned at (480) 905-8382.

Kindly acknowledge receipt of this application by returning the enclosed postcards.

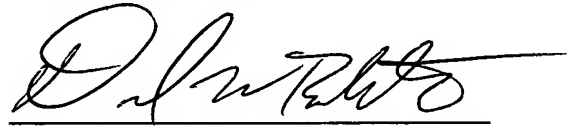
**Please use our Customer No. 022879 in connection with this application.**

Please send all correspondence to:  
HEWLETT-PACKARD DEVELOPMENT COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, Colorado 80527-2400

Please direct telephone calls to:  
Brian Short  
650-236-4890

Date: Oct 1, 2003

Respectfully submitted,



Daniel W. Roberts, Esq. Reg. No. 52172

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